STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/511,530
Source: PCT/10
Date Processed by STIC: 8/8/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 4.2.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.
Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (**<http://www.uspto.gov/ebc/efs/downloads/documents.htm>**, **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):** U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

Raw Sequence Listing Error Summary

ERROR DETECTED **SUGGESTED CORRECTION** SERIAL NUMBER: 10/571,530

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
3 ✓	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters,** instead.
4 ✓	Non-ASCII	The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
11	Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13	Misuse of n/Xaa	"n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid

PCT

RAW SEQUENCE LISTING DATE: 08/08/2005
PATENT APPLICATION: **US/10/511,530** TIME: 09:54:56

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\08082005\J511530.raw**

see item 4 on Error Summary Sheet

4 <110> APPLICANT: CEREMEDIX, INC.
5 Adams, David S.
6 Shashoua, Victor E.
8 <120> TITLE OF INVENTION: PEPTIDE-DEPENDENT UPREGULATION OF TELOMERASE EXPRESSION
W--> 9 **<130> FILE REFERENCE: 6285-04US**
11 <140> CURRENT APPLICATION NUMBER: US 10/511,530
C--> 12 **<141> CURRENT FILING DATE: 2004-10-15**
14 <150> PRIOR APPLICATION NUMBER: PCT/US03/03425
15 <151> PRIOR FILING DATE: 2003-02-03
17 <160> NUMBER OF SEQ ID NOS: 31

pg 1-7

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

19 <210> SEQ ID NO: 1
20 <211> LENGTH: 12
21 <212> TYPE: PRT
22 <213> ORGANISM: artificial
24 <220> FEATURE:
25 <223> OTHER INFORMATION: upregulator of telomerase expression
27 <400> SEQUENCE: 1
29 Gln Tyr Lys Leu Gly Ser Lys Thr Gly Pro Gly Gln
E--> 30 1 ~~5 10~~ 5 10 ← misaligned amend acid number - see item 3 on Error Summary Sheet
33 <210> SEQ ID NO: 2
34 <211> LENGTH: 6
35 <212> TYPE: PRT
36 <213> ORGANISM: artificial
38 <220> FEATURE:
39 <223> OTHER INFORMATION: upregulator of telomerase expression
41 <400> SEQUENCE: 2
43 Gln Thr Leu Gln Phe Arg
E--> 44 1 5 same error
46 <210> SEQ ID NO: 3
47 <211> LENGTH: 7
48 <212> TYPE: PRT
49 <213> ORGANISM: artificial
51 <220> FEATURE:
52 <223> OTHER INFORMATION: upregulator of telomerase expression
55 <220> FEATURE:
W--> 56 **<221> NAME/KEY: MISC FEATURE** use MISC_FEATURE, instead
57 <222> LOCATION: (1)..(1)
58 <223> OTHER INFORMATION: X1 is Asp or Asn add underscore
60 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 08/08/2005
PATENT APPLICATION: US/10/511,530 TIME: 09:54:56

Input Set : A:\PTO.YF.txt
Output Set: N:\CRF4\08082005\J511530.raw

W--> 61 <221> NAME/KEY: MISC FEATURE
62 <222> LOCATION: (3)..(3)
63 <223> OTHER INFORMATION: X3 is Asp or Asn
W--> 64 <220> FEATURE:
W--> 65 <221> NAME/KEY: MISC FEATURE
66 <222> LOCATION: (4)..(4)
67 <223> OTHER INFORMATION: X4 is absent or Gly
W--> 68 <220> FEATURE:
69 <221> NAME/KEY: MISC_FEATURE
70 <222> LOCATION: (5)..(5)
71 <223> OTHER INFORMATION: X5 is absent, Asp, or Phe
W--> 73 <220> FEATURE:
74 <221> NAME/KEY: MISC_FEATURE
75 <222> LOCATION: (6)..(6)
76 <223> OTHER INFORMATION: X6 is absent, Ala, or Phe
W--> 78 <220> FEATURE:
79 <221> NAME/KEY: MISC_FEATURE
80 <222> LOCATION: (7)..(7)
81 <223> OTHER INFORMATION: X7 is absent or Ala
83 <400> SEQUENCE: 3
W--> 85 Xaa Gly Xaa Xaa Xaa Xaa Xaa
E--> 86 1 5 same error
89 <210> SEQ ID NO: 4
90 <211> LENGTH: 5
91 <212> TYPE: PRT
92 <213> ORGANISM: artificial
94 <220> FEATURE:
95 <223> OTHER INFORMATION: upregulator of telomerase expression
97 <400> SEQUENCE: 4
99 Asp Gly Asp Gly Asp same
E--> 100 1 5
103 <210> SEQ ID NO: 5
104 <211> LENGTH: 6
105 <212> TYPE: PRT
106 <213> ORGANISM: artificial
108 <220> FEATURE:
109 <223> OTHER INFORMATION: upregulator of telomerase expression
111 <400> SEQUENCE: 5
113 Asp Gly Asp Gly Phe Ala same
E--> 114 1 5
117 <210> SEQ ID NO: 6
118 <211> LENGTH: 7
119 <212> TYPE: PRT
120 <213> ORGANISM: artificial
122 <220> FEATURE:
123 <223> OTHER INFORMATION: upregulator of telomerase expression
125 <400> SEQUENCE: 6
127 Asp Gly Asp Gly Asp Phe Ala
E--> 128 1 5 same

RAW SEQUENCE LISTING DATE: 08/08/2005
PATENT APPLICATION: **US/10/511,530** TIME: 09:54:56

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\08082005\J511530.raw**

131 <210> SEQ ID NO: 7
132 <211> LENGTH: 7
133 <212> TYPE: PRT
134 <213> ORGANISM: artificial
136 <220> FEATURE:
137 <223> OTHER INFORMATION: upregulator of telomerase expression
139 <400> SEQUENCE: 7
141 Asp Gly Asn Gly Asp Phe Ala
E--> 142 1 5 same
145 <210> SEQ ID NO: 8
146 <211> LENGTH: 7
147 <212> TYPE: PRT
148 <213> ORGANISM: artificial
150 <220> FEATURE:
151 <223> OTHER INFORMATION: upregulator of telomerase expression
153 <400> SEQUENCE: 8
155 Asn Gly Asn Gly Asp Phe Ala
E--> 156 1 5 same
159 <210> SEQ ID NO: 9
160 <211> LENGTH: 7
161 <212> TYPE: PRT
162 <213> ORGANISM: artificial
164 <220> FEATURE:
165 <223> OTHER INFORMATION: upregulator of telomerase expression
167 <400> SEQUENCE: 9
169 Asn Gly Asp Gly Asp Phe Ala
E--> 170 1 5 same
171 <210> SEQ ID NO: 10
172 <211> LENGTH: 8
173 <212> TYPE: PRT
174 <213> ORGANISM: artificial
176 <220> FEATURE:
177 <223> OTHER INFORMATION: upregulator of telomerase expression
180 <220> FEATURE:
181 <221> NAME/KEY: MISC_FEATURE
182 <222> LOCATION: (1)..(1)
183 <223> OTHER INFORMATION: X1 is absent or Ser
185 <220> FEATURE:
186 <221> NAME/KEY: MISC_FEATURE
187 <222> LOCATION: (2)..(2)
188 <223> OTHER INFORMATION: X2 is absent or Lys
190 <400> SEQUENCE: 10
W--> 192 Xaa Xaa Met Thr Leu Thr Gln Pro
E--> 193 1 5 same
196 <210> SEQ ID NO: 11
197 <211> LENGTH: 6
198 <212> TYPE: PRT
199 <213> ORGANISM: artificial
201 <220> FEATURE:

RAW SEQUENCE LISTING DATE: 08/08/2005
PATENT APPLICATION: US/10/511,530 TIME: 09:54:56

Input Set : A:\PTO.YF.txt
Output Set: N:\CRF4\08082005\J511530.raw

202 <223> OTHER INFORMATION: upregulator of telomerase expression
204 <400> SEQUENCE: 11
206 Met Thr Leu Thr Gln Pro
E--> 207 1 5 none
223 <210> SEQ ID NO: 13
224 <211> LENGTH: 5
225 <212> TYPE: PRT
226 <213> ORGANISM: artificial
228 <220> FEATURE:
229 <223> OTHER INFORMATION: upregulator of telomerase expression
W--> 230 <220> FEATURE:
231 <221> NAME/KEY: MISC_FEATURE
232 <222> LOCATION: (3)..(3)
233 <223> OTHER INFORMATION: X3 is Glu or Leu
W--> 234 <220> FEATURE:
235 <221> NAME/KEY: MISC_FEATURE
236 <222> LOCATION: (4)..(4)
237 <223> OTHER INFORMATION: X4 is Ala or Glu
W--> 239 <220> FEATURE:
240 <221> NAME/KEY: MISC_FEATURE
241 <222> LOCATION: (5)..(5)
242 <223> OTHER INFORMATION: X5 is absent, Leu, or Ala
244 <400> SEQUENCE: 13
W--> 246 Asp Gly Xaa Xaa Xaa
E--> 247 1 5 none
264 <210> SEQ ID NO: 15
265 <211> LENGTH: 11
266 <212> TYPE: PRT
267 <213> ORGANISM: artificial
269 <220> FEATURE:
270 <223> OTHER INFORMATION: upregulator of telomerase expression
273 <220> FEATURE:
274 <221> NAME/KEY: MISC_FEATURE
275 <222> LOCATION: (1)..(2)
276 <223> OTHER INFORMATION: X1 and X2 are absent or are any amino acid
278 <220> FEATURE:
279 <221> NAME/KEY: MISC_FEATURE
280 <222> LOCATION: (5)..(5)
281 <223> OTHER INFORMATION: X5 is Glu or Leu
283 <220> FEATURE:
284 <221> NAME/KEY: MISC_FEATURE
285 <222> LOCATION: (6)..(6)
286 <223> OTHER INFORMATION: X6 is Ala or Glu
288 <220> FEATURE:
289 <221> NAME/KEY: MISC_FEATURE
290 <222> LOCATION: (7)..(7)
291 <223> OTHER INFORMATION: X7 is absent, Leu, or Ala
293 <220> FEATURE:
294 <221> NAME/KEY: MISC_FEATURE

RAW SEQUENCE LISTING DATE: 08/08/2005
PATENT APPLICATION: US/10/511,530 TIME: 09:54:56

Input Set : A:\PTO.YF.txt
Output Set: N:\CRF4\08082005\J511530.raw

295 <222> LOCATION: (8)..(11)
296 <223> OTHER INFORMATION: X8, X9, X10, X11 are absent or are any amino acid
298 <400> SEQUENCE: 15
W--> 300 Xaa Xaa Asp Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa
E--> 301 1 5 10 none
304 <210> SEQ ID NO: 16
305 <211> LENGTH: 5
306 <212> TYPE: PRT
307 <213> ORGANISM: artificial
309 <220> FEATURE:
310 <223> OTHER INFORMATION: upregulator of telomerase expression
312 <400> SEQUENCE: 16
314 Asp Gly Glu Ala Leu
E--> 315 1 5 none
318 <210> SEQ ID NO: 17
319 <211> LENGTH: 5
320 <212> TYPE: PRT
321 <213> ORGANISM: artificial
323 <220> FEATURE:
324 <223> OTHER INFORMATION: upregulator of telomerase expression
326 <400> SEQUENCE: 17
328 Asp Gly Leu Glu Ala
E--> 329 1 5 none
331 <210> SEQ ID NO: 18
332 <211> LENGTH: 6
333 <212> TYPE: PRT
334 <213> ORGANISM: artificial
336 <220> FEATURE:
337 <223> OTHER INFORMATION: upregulator of telomerase expression
339 <400> SEQUENCE: 18
341 Glu Thr Leu Gln Phe Arg
E--> 342 1 5 none
345 <210> SEQ ID NO: 19
346 <211> LENGTH: 8
347 <212> TYPE: PRT
348 <213> ORGANISM: artificial
350 <220> FEATURE:
351 <223> OTHER INFORMATION: upregulator of telomerase expression
353 <400> SEQUENCE: 19
355 Gln Tyr Ser Ile Gly Gly Pro Gln
E--> 356 1 5 none
359 <210> SEQ ID NO: 20
360 <211> LENGTH: 8
361 <212> TYPE: PRT
362 <213> ORGANISM: artificial
364 <220> FEATURE:
365 <223> OTHER INFORMATION: upregulator of telomerase expression
367 <400> SEQUENCE: 20
369 Ser Asp Arg Ser Ala Arg Ser Tyr

RAW SEQUENCE LISTING DATE: 08/08/2005
PATENT APPLICATION: US/10/511,530 TIME: 09:54:56

Input Set : A:\PTO.YF.txt
Output Set: N:\CRF4\08082005\J511530.raw

E--> 370 1 5 none
373 <210> SEQ ID NO: 21
374 <211> LENGTH: 12
375 <212> TYPE: PRT
376 <213> ORGANISM: artificial
378 <220> FEATURE:
379 <223> OTHER INFORMATION: upregulator of telomerase expression
381 <400> SEQUENCE: 21
383 Asp Gly Asp Gly Asp Phe Ala Ile Asp Ala Pro Glu
E--> 384 1 5 10 none
387 <210> SEQ ID NO: 22
388 <211> LENGTH: 5
389 <212> TYPE: PRT
390 <213> ORGANISM: artificial
392 <220> FEATURE:
393 <223> OTHER INFORMATION: upregulator of telomerase expression
395 <400> SEQUENCE: 22
397 Asn Gly Asn Gly Asp
E--> 398 1 5 none
401 <210> SEQ ID NO: 23
402 <211> LENGTH: 5
403 <212> TYPE: PRT
404 <213> ORGANISM: artificial
406 <220> FEATURE:
407 <223> OTHER INFORMATION: upregulator of telomerase expression
409 <400> SEQUENCE: 23
E--> 412 Asp Gly Asn Gly Asp
E--> 413 1 5 none
414 <210> SEQ ID NO: 24
415 <211> LENGTH: 5
416 <212> TYPE: PRT
417 <213> ORGANISM: artificial
W--> 418 <220> FEATURE:
419 <223> OTHER INFORMATION: upregulator of telomerase expression
421 <400> SEQUENCE: 24
422 Asn Gly Asp Gly Asp
E--> 423 1 5 none
434 <210> SEQ ID NO: 26
435 <211> LENGTH: 6
436 <212> TYPE: PRT
437 <213> ORGANISM: artificial
W--> 438 <220> FEATURE:
439 <223> OTHER INFORMATION: upregulator of telomerase expression
441 <400> SEQUENCE: 26
443 Asp Gly Asp Gly Phe Ala
E--> 444 1 5 none
460 <210> SEQ ID NO: 28
461 <211> LENGTH: 6
462 <212> TYPE: PRT

use lower-case "l", not numeral "1"

RAW SEQUENCE LISTING DATE: 08/08/2005
PATENT APPLICATION: US/10/511,530 TIME: 09:54:56

Input Set : A:\PTO.YF.txt
Output Set: N:\CRF4\08082005\J511530.raw

463 <213> ORGANISM: artificial
W--> 464 <220> FEATURE:
465 <223> OTHER INFORMATION: upregulator of telomerase expression
W--> 466 <400> SEQUENCE: 28
468 Asp Gly Asn Gly Phe Ala
E--> 469 1 5 name
487 <210> SEQ ID NO: 31
488 <211> LENGTH: 18
489 <212> TYPE: DNA
490 <213> ORGANISM: artificial
W--> 491 <220> FEATURE:
492 <223> OTHER INFORMATION: reverse primer for use in telomerase assay
W--> 493 <400> SEQUENCE: 31
494 ctaaccctaa ccctaacc 18
E--> 495 (I) delete

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 08/08/2005
PATENT APPLICATION: **US/10/511,530** TIME: 09:54:57

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\08082005\J511530.raw**

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27
Seq#:28,29,30,31

VERIFICATION SUMMARY DATE: 08/08/2005
PATENT APPLICATION: **US/10/511,530** TIME: 09:54:57

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\08082005\J511530.raw**

L:9 M:283 W: Missing Blank Line separator, <130> field identifier
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:30 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1
L:44 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:2
L:56 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:61 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:64 M:283 W: Missing Blank Line separator, <220> field identifier
L:65 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:3
L:68 M:283 W: Missing Blank Line separator, <220> field identifier
L:85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
M:332 Repeated in SeqNo=3
L:100 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:4
L:114 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:5
L:128 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6
L:142 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:7
L:156 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:8
L:170 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:9
L:192 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
M:332 Repeated in SeqNo=10
L:207 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:11
L:230 M:283 W: Missing Blank Line separator, <220> field identifier
L:234 M:283 W: Missing Blank Line separator, <220> field identifier
L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
M:332 Repeated in SeqNo=13
L:300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
M:332 Repeated in SeqNo=15
L:315 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:16
L:329 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:17
L:342 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:18
L:356 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:19
L:370 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:20
L:384 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:21
L:398 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:22
L:412 M:330 E: (2) Invalid Amino Acid Designator, NUMBER OF INVALID KEYS:1
L:413 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:23
L:418 M:283 W: Missing Blank Line separator, <220> field identifier
L:423 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:24
L:428 M:283 W: Missing Blank Line separator, <220> field identifier
L:430 M:283 W: Missing Blank Line separator, <400> field identifier
L:438 M:283 W: Missing Blank Line separator, <220> field identifier
L:444 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:26
L:464 M:283 W: Missing Blank Line separator, <220> field identifier
L:466 M:283 W: Missing Blank Line separator, <400> field identifier
L:469 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:28
L:474 M:283 W: Missing Blank Line separator, <220> field identifier
L:476 M:283 W: Missing Blank Line separator, <400> field identifier
L:478 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:29
L:483 M:283 W: Missing Blank Line separator, <220> field identifier

VERIFICATION SUMMARY DATE: 08/08/2005
PATENT APPLICATION: **US/10/511,530** TIME: 09:54:57

Input Set : **A:\PTO.YF.txt**
Output Set: **N:\CRF4\08082005\J511530.raw**

L:485 M:283 W: Missing Blank Line separator, <400> field identifier
L:491 M:283 W: Missing Blank Line separator, <220> field identifier
L:493 M:283 W: Missing Blank Line separator, <400> field identifier
L:495 M:254 E: No. of Bases conflict, this line has no nucleotides.